

H. M. HENDERSON TAKES CHARGE OF EARL FOUR HERE

Models to Arrive at New Show
Rooms at Fourteenth and
Swan Streets.

The Earl four, an old friend under a new name has joined the automotive elect of these United States and will be represented in Washington by H. M. Henderson, proprietor of the Capital City Garage, at 410 Eighth street northwest. Mr. Henderson has long been identified with the automotive interests of Washington and has had wide experience in the marketing of motor cars.

Mr. Henderson will open new show-rooms at Fourteenth and Swan streets within a few days and the Earl models will be placed on display immediately upon their arrival here.

Several Improvements.

Clarence A. Earl, in the first model which bears his name, has succeeded in producing a car embodying the fundamental excellencies of the former Earlco, with a notable addition of other desirable qualities. The car has a roomier appearance and its bodywork is distinctly finer. The tires are larger, being 32 by 4, the engine is larger, the frame has been strengthened, the body refinements multiplied in number, and an Alemite system added to the equipment. Through Earl's ability to refinance the organization, it has been possible to start on a production schedule of 15,000 cars. One of the big features of the production is that it is accomplished at a low cost, owing to the design of the car. When originally laid out, this was kept in view, so that there are no rights and lefts to various threaded parts, and the least possible number of different sizes of holes, or bolts, or other parts are used. The chassis design lends itself to mass production also, because of the very design of the parts, the assembly cost also being low because this was taken into consideration in the original design.

Standard colors of open cars are: Lake green with black chassis and fenders, and on the closed cars, ultra-marine body, black top and black chassis and fenders.

In Black Leather.

The touring car is trimmed in black genuine leather—dull finish, and the side top rails, steering wheel rim, instrument board, cowl bar and gear shift lever knob are American black walnut.

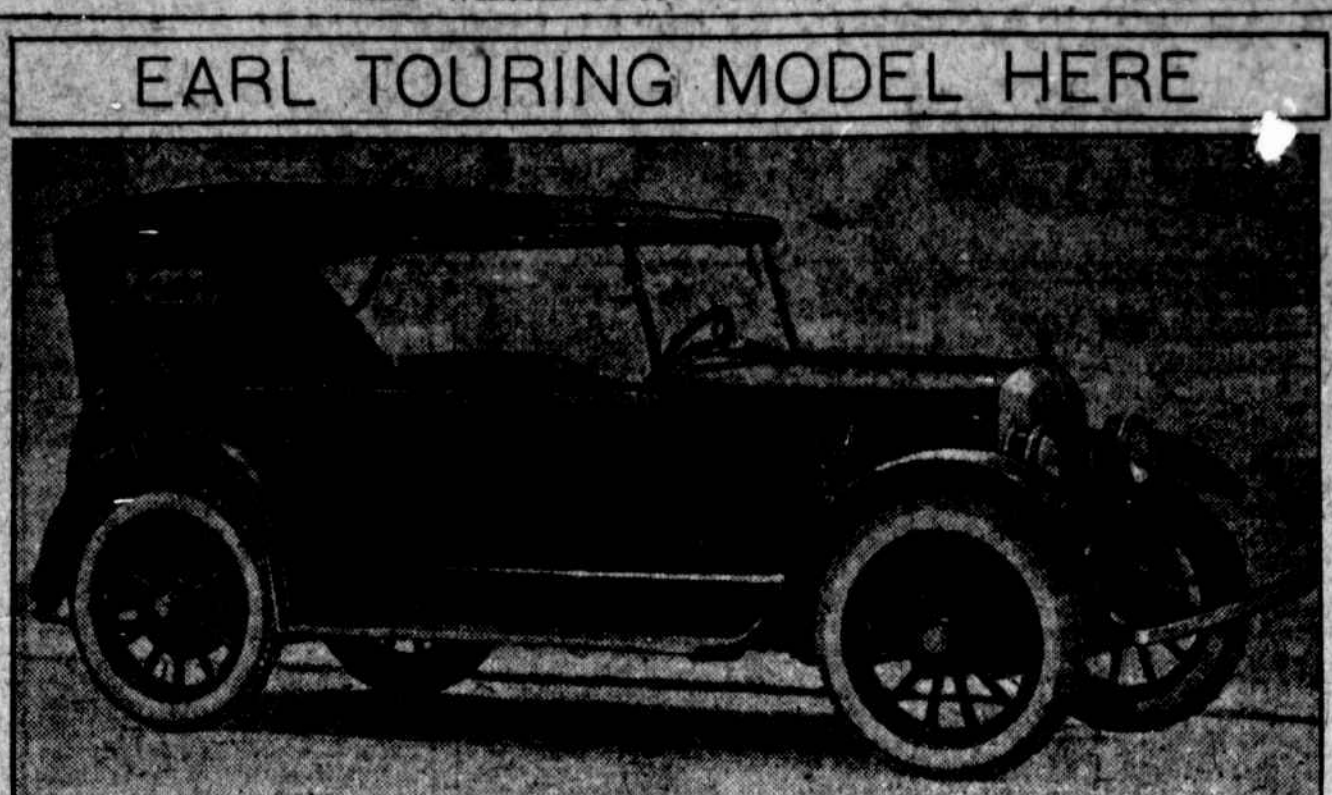
An interesting feature which is found on all the models, is the design of the ignition switch. It is mounted on the steering column in a separate case within finger reach from the steering wheel. This unique position makes it possible for the driver to control all the lights on the car with his left hand, leaving his right hand for the steering wheel and center control.

The sedan and brougham are trimmed in wool broadcloth, and have comfortably deep cushions with the Marshall type springs. The door windows are operated by the new Dura crank type regulator, and interior hardware is oxidized silver finished in a neat blue enameled design.

PENNSYLVANIA HIGHWAY RECEIPTS ON INCREASE

Receipts of the automobile division of the Pennsylvania highway department have reached the enormous total of \$9,277,401 for this year, the largest in the history of the division. This amount is an increase of more than \$2,000,000 over the receipts of 1920.

Auto Instruction
COURSES IN
THEORY AND PRACTICE
STARTING AND LIGHTING
OVERHAULING, DRIVING
OWNERS' SCHOOL COURSES
Day and Evening Classes
Part Scholarship for Ex-Servicemen.
Write, call or phone in 1130.
YMCA AUTO SCHOOL
1736 G St. N. W. Open to Women.



EARL TOURING MODEL HERE

The attractive Earl touring car exceeds the most optimistic anticipations of local motorists, who have prophesied that Clarence A. Earl would give the public an exceptional automobile.

H. M. Henderson, who has the Earl distributorship in this section, will formally open his Earl showrooms at 1818 Fourteenth street northwest within a few days.

VAN KERR DEVICE HELPS MOTORISTS

One of the Most Effective Spark
Intensifiers Now Offered
on Market.

Do you know what actually takes place in the cylinder of your engine when you get a so-called explosion? It is merely this: The gasoline acts the same as fuel in this case and it does not explode at all. It is merely a case of burning the gasoline and heating the air that is in the cylinder. The heated air expands as it

takes more room than the cold air, driving the piston downward and giving the impulse stroke of your motor.

Now, then, the first explosion has taken place in your cylinder. The piston is now traveling upward on its exhaust stroke, driving out of the burnt gases from the last explosion. You know that the piston does not reach clear to the top of that cylinder. Consequently, there is a considerable amount of gases left in there with the oxygen burnt out of it. As the piston travels downward again on its in-take stroke drawing in its next supply of gasoline and air, these gases will, of course, be mixed with this charge.

Add to that approximately sixty pounds compression per square inch in your cylinder head at the time the next spark is to be produced at your plug point and you will readily see what an abnormal condition this plug is supposed to fire under. When

you take into consideration the lack of oxygen in your cylinder due to previous combustion there, you can readily see that the amount of oxygen that should be there is lacking, making it very hard indeed to get the proper combustion at plug point.

In order to overcome this condition many devices have been produced. The Van Kerr transformer is said to be one of the most effective of these spark intensifiers and according to motorists who have given it a thorough test the Van Kerr device accomplishes the purpose for which it is intended.

By forcing the spark current to break in the open air by means of an auxiliary gap near the spark plug connection the ignition spark is materially intensified and satisfactory combustion obtained.

Why All First-Class Auto Accessory Houses Sell and Recommend Oildag

ROBINSON CADILLAC CO.
Cadillac Motor Cars
St. Joseph, Mo.

Acheson Oildag Co., Port Huron, Michigan.
August 21, 1918.

Gentlemen:—Replying to your letter of July 29th, beg to advise we are very glad to offer you such recommendation of Oildag as we can.

As you know we have been using this product since early in the year of 1912 and our continued and increased use of same certainly indicates that we consider it a superior lubricant. In fact, we consider your present product Motor Oildag the highest type of automobile engine lubrication in existence today and firmly believe that a more general use of this product would tend to eliminate or at least reduce many of the more common engine troubles we have to contend with today.

Assuring you of our continued good wishes, we beg to remain
Yours very truly,
ROBINSON CADILLAC COMPANY.
By K. W. ROBINSON.

You Can Take All Hills on High If Your Engine is Lubricated With OILDAG

Get it from your Dealer or the Following Distributors:
Rudolph & West Company, 1332 New York Avenue N. W.
National Electrical Supply Co., 1330 New York Avenue N. W.
Acheson Oildag Company,
1525 14th St. N. W. Franklin 5966

ELK-HART

FOURS
Touring\$1195
Roadster\$1195

SIXES
Touring\$1445
Roadster\$1445

THE ELK-HART FOUR IS NOW BEING SHOWN HERE AND YOU ARE CORDIALLY INVITED TO INSPECT THE MANY POINTS OF MERIT WHICH HAVE CREATED ITS SOUND POPULARITY.

The heart of any automobile is its power plant—the Lycoming motor with which the ELK-HART Four is equipped, was selected several years ago, after experience with various power plants, and there has never been occasion to regret this selection.

This is a four-cycle, L-head motor, developing 34.9 horse-power, at 1800 revolutions per minute. It has a bore of three and one-half inches and a stroke of five inches. There is no time limit on the guarantee on this motor.

It has the courage and endurance to deliver continuously and without strain, an output of power unapproached by any other motor of like size and class.

The secret of this motor's wonderful success is its economy in operation. Twenty miles to the gallon of gasoline and one thousand miles to the gallon of lubricating oil is the rule rather than the exception. Many ELK-HART owners claim as high as twenty-three miles to the gallon of gasoline.

POWELL MOTOR AGENCY

1821 14th St. N. W. Phone North 9212

KEEP SPRING SEATS WELL LUBRICATED

Many present day cars are fitted with springs mounted on seats that oscillate. These spring seats usually have some means of lubrication, but many car owners never take the trouble simply to turn up the grease cup provided. While it is not necessary to turn the cup each day it is advisable to give this part a little attention now and then. In cantilever suspensions the center bearing of the spring should be well oiled. Usually this bearing operates upon a small steel shaft extending out from the frame. In some cases a tube running transversely of the frame is used, either a grease cup or an oil hole will be found.

BEACON TIRES

Cords Guaranteed 5,000—Fabric 6,000 Miles

TIRE	Gray	Red
30x3 BEACON R. S.	\$8.25	\$1.29
30x3 1/2 BEACON R. S.	\$8.65	\$1.58
32x3 1/2 BEACON R. S.	\$12.10	\$1.71
32x4 BEACON R. S.	\$14.33	\$2.14
34x4 BEACON R. S.	\$17.57	\$2.59

Other Sizes at Proportionate Prices

CORD TIRES AT GREATLY REDUCED PRICES. MAIL ORDERS SHIPPED C. O. D. SUBJECT TO YOUR APPROVAL

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Body Work, Upholstering, Recovering Tops
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THE ACME AUTO TOP CO.

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You'll Notice That the

Hupmobile

"gets away" ahead of the crowd as easily and surely as it settles down to a long, lugging pull.

Sterret & Fleming

Inc.
Champlain St. at
Kalorama Rd.
North 5050

YOUR TROUBLES ARE OVER

Van Kerr Transformers

Make old cars act like they were new. They are guaranteed to
Decrease gasoline consumption—Reduce carbon deposits—Give greater power—Eliminate the necessity for reboring cylinders and installing new piston rings—Overcome the difficulties caused by motors pumping oil—Make your starter live up to its name.

The Van Kerr Transformer is the only oxygen burning system of ignition, and it is sold on an absolutely money-back guarantee. Do not confuse the Transformer with other so-called similar devices. Order by name and insist on getting what you ask for.

The dealers listed below carry Van Kerr Transformers. Buy from them, and don't forget we guarantee the Transformers to be all we say they are.

4-Cylinder Set, \$2.00—6-Cylinder Set, \$2.50
Connections for Buick, Oldsmobile, Franklin and All Knight type motors, 50c extra

BUY THEM FROM THESE DEALERS

SOUTHWEST
Akron Auto Supply Co., 522 7th st.
Speedway Auto Supply Co., 14th and D sts.

NORTHWEST
Arcade Garage and Service Station, 1417 Irving st.
Automotive Supply Co., 2100 Pa. ave.
Bookholz, Auto Supply, 2031 14th st.
Buckley's Auto Supply Co., 21st and M sts.
Bailey's Auto Supply Co., 14th st. and Colorado ave.
Crosstown Auto Supply Co., N. E. cor. 14th and S sts.
Columbia Auto Supply Co., 741 13th st.
Central Auto Supply Co., 1004 Pa. ave.
Calvert Hardware and Auto Supply Co., 2501 Champlain st.
Circle Auto Supply, 1222 14th st.
D. F. Driscoll, 1742 14th st.
Duke Tire Shop, 1203 9th st.
Dupont Tire Shop, 2002 M st.
J. D. Espey Co., Inc., 1008 Pa. ave.
Eureka Auto Supply Co., 1023 14th st.
Federal Auto Supply Co., 171 Pa. ave.
J. F. Fitzgerald, 2635 G. ave.
Fleming's Auto Supplies, 1946 New Hampshire ave.
J. C. Flood, 2120 14th st.
Federal Battery Service, Inc., 2800 Sherman ave.
Garfield Auto Supply, 2370 Sherman ave.
George W. Gould, 3054 Mt. Pleasant ave.
Hines Auto Supply Co., 920 D st.
Louis Hartig, cor. 7th and K sts.
Ideal Auto Supply Co., 1909 Pa. ave.
Fred Koller, 1310 New York ave.
Leath Brothers, 1227 New York ave.
Liberty Auto Supply, 2214 14th st.
Lynn-McDowell, intersection of Fla. ave., N. J. ave and S st.
Liberty Gasoline Station, 200 Florida ave.
J. W. Lovelace, 23 Florida ave.
Lehman's Tire Shop, 811-13 H st.
McCurdy Brothers, 3730 Georgia ave.
Mid-City Auto Supply, 710 M st.
Monarch Auto Supply Co., 1801 L st.
Moore's Auto Supply Shop, 20th and K sts.

NORTHEAST
Baumer & Johnstone, 719 Capitol Ave.
City Auto Supply, 526 H st.
Dixie Tire Co., 1118 H st.
D. Del Vecchio, 1434 Florida ave.
M. Fetterman, 707 H st.
Bey B. Gill, 6035 Dix st.
Gustav Hartig, 509-11 H st.
L. D. Hays, Jr., 44th st. and Dean ave.
Modern Auto Supply Co., 917 H st.
Northeast Auto Supply, 1498 1/2 H st.
Washington Garage and Sales Co., 627-31 H st.

SOUTHEAST
Boyd Tire and Repair Co., 650 Pennsylvania ave.
Eastern Auto Supply, 522 8th st.
Hanna Brothers, 657 Pennsylvania ave.
E. A. Hayden, 331 Pa. ave.
Mazzulo Bros., 1231 Good Hope Road, and 2203 Nichols ave.
Navy Yard Auto Supply Co., 84th and L sts.
Pennsylvania Avenue Garage, 656 Pa. ave.
Southeast Auto Supply Co., 629 Pa. ave.

GEORGETOWN
Jamish Brothers Auto Supply Co., 5605 M st. N. W.
William W. Kendrick, 3320 M st. N. W.
Potomac Garage Co., 3307 M st. N. W.
Western Auto Supply Co., 3279 M st. N. W.
31st and M Sts. Auto Supply, 3100 M st. N. W.

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